

Claims

1. An electronic camera comprising
a camera housing;

an objective lens for admitting image-carrying light rays into
said camera housing;

5 an electronic image acquisition assembly capable of receiving
said image-carrying light rays and converting said image-carrying light rays into
image-encoding digital information;

10 a reflective flat panel display capable of being electronically
addressed, in response to said image-encoding digital information, to provide in
reflected light a reflection image;

a receptacle for holding a photosensitive imaging medium; and
an optical system capable of directing the reflection image
reflected off said reflective flat panel display toward said receptacle for the
imaginewise area exposure of a photosensitive imaging medium held therein

2. The electronic camera of claim 1, wherein said electronic image
acquisition assembly is a charge coupled device (CCD).

3. The electronic camera of claim 1, wherein said receptacle for
holding a photosensitive medium is a receptacle for holding a cassette of
self-developing photosensitive film.

4. The electronic camera of claim 1, wherein the reflective flat
panel display is a twisted or super twisted nematic liquid crystal display.

5. A unitary electronic imaging device comprising:
a housing;

means for receiving and transmitting electronic image-encoding digital information;

5 a reflective flat panel display capable of being electronically addressed, in response to said electronic image-encoding digital information, to provide in reflected light a reflection image;

a reflection image viewer;

a receptacle for holding a photosensitive imaging medium; and

10 an optical system capable of selectively directing the reflection image reflected off said reflective flat panel display toward either (a) said receptacle for the imagewise area exposure of a photosensitive imaging medium held therein, or (b) said reflection image viewer for the viewing thereof by a user of the device.

6. The electronic camera of claim 2, wherein said receptacle for holding a photosensitive medium is a receptacle for holding a cassette of self-developing photosensitive film.

7. The electronic camera of claim 2, wherein the reflective flat panel display is a twisted or super twisted nematic liquid crystal display.

8. A method for recording an image onto a photosensitive medium comprising the steps of:

(a) providing a photosensitive medium;

5 (b) providing a reflective liquid crystal display capable of being electronically addressed to provide in reflected light a reflection image, said reflective liquid crystal display being either a twisted nematic or super twisted nematic liquid crystal display;

(c) electronically addressing said reflective liquid crystal display contemporaneously with the illumination thereof by a light source to produce a reflection image in reflected light; and

10 (d) directing said reflected light onto said photosensitive medium for the recordation therein of said reflection image.

9. The method of claim 3, wherein said photosensitive medium is self-developing photosensitive film.

10. The method of claim 3, wherein said photosensitive film comprises a flexible substrate onto which is deposited a silver halide emulsion film.